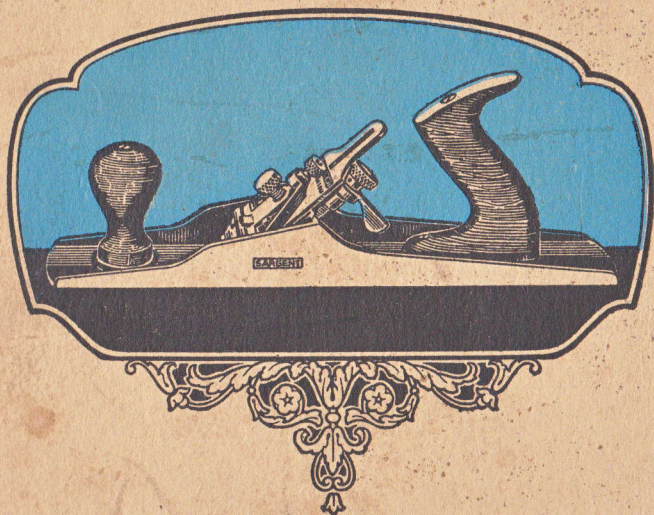


SARGENT

PLANES

AND OTHER TOOLS



SARGENT & COMPANY

NEW HAVEN, CONN., U. S. A.

Manufacturers of Hardware for More
Than Sixty Years

High Grade Tools, Builders' Hardware, Etc.

Wood Bottom and Iron Planes

SARGENT

REG. U. S. PAT. OFF.

SARGENT & COMPANY

New Haven, Conn., U. S. A.

General Offices and Factory, New Haven, Conn., U. S. A.
New York Office and Warehouse 94 Centre Street
Chicago Office and Warehouse, 223 West Randolph Street

Sargent Planes.

Guaranteed by the Manufacturers.

SARGENT Planes have justly obtained an enviable reputation for excellence of material and workmanship. They are fully guaranteed and all dealers are authorized to take back or exchange if found defective in any particular.

The Cutters of all Sargent Planes are made of a special alloy steel known as Chromium Steel. Chromium is an element which, when added to steel, produces extra toughness and wear resisting properties. Sargent Cutters made from this steel will hold a keen edge for an unusually long period of service.

Prices.

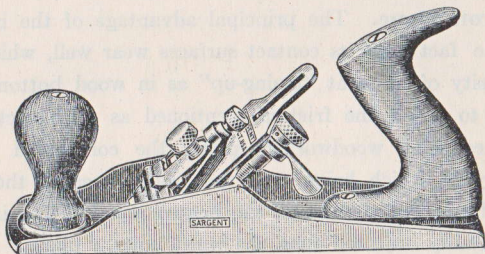
The prices printed are approximately those at which the articles illustrated and described may be purchased at retail hardware stores.

Printed in U. S. A.

June, 1926

SARGENT

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Plane Pointers.

THE PLANE is essentially a finishing tool and while it is adapted for use in bringing down wood surfaces to a desired thickness, owing to its construction it will produce this result more gradually than a hatchet or a mattock. For this reason it is the **last tool** to be used in finishing a wood surface.

The two types of planes most used are **Bench** Planes and **Block** Planes. The former may be divided into two classes. Those with

A.—Wood Bottoms.

B.—Iron Bottoms.

The Wood Bottom Plane is preferred by many, owing to its comparative lightness and to the fact that in its contact with wood it creates less friction. For both reasons it is easier to work with where the work is continuous.

The Iron Plane. The principal advantage of the iron plane lies in the fact that its contact surfaces wear well, which avoids the necessity of frequent "truing-up" as in wood bottom planes. In order to avoid the friction mentioned as a characteristic of iron planes some woodworkers prefer the corrugated bottoms, the theory of which being that the grooves permit the passing of air and so serve to cool off the heated metal. The iron plane is more readily adjusted than the wood bottom plane.

The Smooth Plane, in length not more than 12 inches, is adapted for finishing off an uneven surface. Owing to its small size it will find its way into minor depressions of the wood without taking off much material. In this it differs from the Jointer Plane, which is primarily for use on large areas. Both types of Planes are finishing planes, but, of the two, the Jointer is for finer work.

The Jack Plane (14 or 15 inches in length) is for coarse work and is to be used either on rough surfaces or where a considerable chip is to be taken off. It is long and heavy enough to make it a powerful tool.

The Fore Plane is for the same purpose as the Jointer in fine finishing. Owing to the fact that it is shorter (length 18 inches) than the Jointer it is easier to handle, especially for a journeyman carpenter. It may be used also as a Jack Plane. Where a car-

penter has not both a Jack and a Jointer he can make a Fore Plane serve for both, although it will not give as good service as either of the other two in the work for which they are adapted.

The Jointer Plane may be anywhere from 20 to 30 inches in length. Its great length and weight keep the cutter from tearing the wood and with the cutter set fine it is the plane for obtaining the smoothest finishes. As its name indicates, it will take down, better than other types of planes, two wood surfaces that are to be brought together where a very close fit is required.

The Block Plane—usually 7 inches or less—is for end work. It is built to hold in the palm of the hand and may be used with either one or two hands. With the low angle block plane, because the cutter is set very low, a shearing cut is secured, which makes its use desirable in cross-grained wood, as the cutter is not as apt to follow and split the grain.

Your attention is called to the finish on **Sargent Iron Bench Planes**. Compare it with other makes and notice:

1. The improved effect of the mahogany handle and knob which makes a handsome contrast with the polished and japanned surfaces.
2. The high luster of polished surfaces.
3. The careful fit of each and every part.
4. The smoothness of the japanning.

On **Sargent Wood Bottom Planes** observe that:

1. The bottom surface is highly finished.
2. The wood is thoroughly seasoned and quarter-sawed.
3. The frog is set into the iron frame-work with machine screws. These will not work loose.

On **Sargent Block Planes** having the adjustable mouth feature note the positive movement of the throat-piece, which is locked in position by the thumb-screw. Compare the facility of the adjustment with that of other makes.

Note the strong construction of the clamp, especially of the Knuckle Joint Planes, 5306, 5307 and 5607. Here the clamp is of **wrought steel** and so **positively cannot** break.

Sargent Miscellaneous Planes embody many improved features of design and adjustment.

SARGENT Bench Planes.

The heavy Cutter (No. 12 gauge) offsets the tendency found in a Spring Cap Plane to vibrate when used on cross-grained wood. The additional weight avoids chattering. The large opening or eye in the cutter slot is at the far end, removed from the cutting edge, avoiding any tendency to move the cap over the edge in adjusting.

The steel Cap, adjusted with a screw to the Cutter in the usual manner, is held firmly against the Cutter by depressing the Cam Thumb-Piece on the Clamp. If the Clamp does not bear with sufficient pressure against the Cap to hold the Cutter firmly, the Clamp Screw should be tightened before the pressure is applied. Chattering is avoided by having the foot of the Clamp bear firmly upon the arch of the Cap, holding the cutting edge of the Cutter rigidly against the Frog.

To adjust the thickness of the shaving, turn the Thumb-Nut acting through the Forked-Lever upon the Cap and the Cutter.

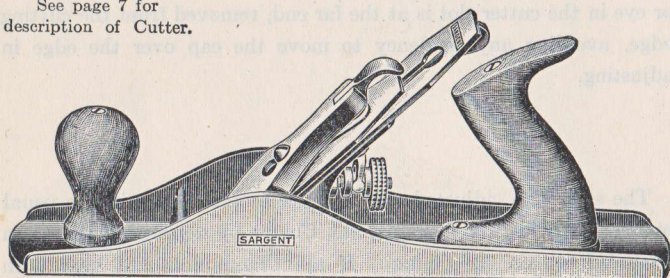
Should the Cutter when clamped down not be exactly true with the face of the Plane, the cutting edge may be accurately adjusted by the Lateral Adjustment, which communicates a motion (sideways) to the Cutter. This Adjustment is blanked out of a single piece of cold rolled steel.

SARGENT

Adjustable Iron Bench Planes.

Patented February 3, 1891.

See page 7 for
description of Cutter.



Polished Trimmings,
Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face
of the Plane.

Smooth Planes.

No. 407,	Smooth Plane,	7 In.,	$1\frac{5}{8}$ In. Cutter	each, \$3 40
No. 408,	"	8 "	$1\frac{3}{4}$ " "	" 3 65
No. 409,	"	9 "	2 " "	" 3 95
No. 410,	"	10 "	$2\frac{3}{8}$ " "	" 4 60

Jack, Fore and Jointer Planes.

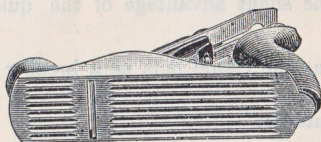
No. 411,	Jack Plane,	$11\frac{1}{2}$ In.,	$1\frac{3}{4}$ In. Cutter	each, \$4 10
No. 414,	"	14 "	2 " "	" 4 60
No. 415,	"	15 "	$2\frac{1}{4}$ " "	" 5 15
No. 418,	Fore	18 "	$2\frac{3}{8}$ " "	" 5 75
No. 422,	Jointer	22 "	$2\frac{3}{8}$ " "	" 6 75
No. 424,	"	24 "	$2\frac{5}{8}$ " "	" 7 90

SARGENT

Adjustable Iron Bench Planes.

Patented February 3, 1891.

With Corrugated Bottom.



These Planes are
the same as shown
on preceding page
but with Corrugated
Bottom

Polished Trimmings,

Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face
of the Plane.

Smooth Planes.

No. 408 C,	Smooth Plane,	8 In.,	1 $\frac{3}{4}$ In. Cutter	each, \$3 95
No. 409 C,	"	9 "	2 "	" 4 25
No. 410 C,	"	10 "	2 $\frac{3}{8}$ "	" 4 90

Jack, Fore and Jointer Planes.

No. 411 C,	Jack Plane,	11 $\frac{1}{2}$ In.,	1 $\frac{3}{4}$ In. Cutter	each, \$4 40
No. 414 C,	"	14 "	2 "	" 4 90
No. 415 C,	"	15 "	2 $\frac{1}{4}$ "	" 5 45
No. 418 C,	Fore	18 "	2 $\frac{3}{8}$ "	" 6 25
No. 422 C,	Jointer	22 "	2 $\frac{3}{8}$ "	" 7 20
No. 424 C,	"	24 "	2 $\frac{5}{8}$ "	" 8 50

Auto-Set Iron Bench Planes.

Patented January 12, 1915.

These Planes have the superior features described below:

Thin Cutter.

These Planes have a thin cutter, but the support for the cutter is so solid below and the clamp so firm above, that there is no tendency to chatter, hence it is possible to use the thin cutter (No. 14 gauge), and so get the slight advantage of the quicker grinding.

The cutter requires no cap as the clamp acts as a breaker for the chip.

Auto-Set.

When once set, the clamp may be removed and when replaced it will always return to its original position until reset. This feature is a great time saver. The clamp may be easily adjusted, by means of a regulating screw, close to the cutting edge when a fine cut is required, away from the cutting edge when a coarse cut is desired and may be set in as many intermediate positions as may be needed.

Rigidity.

The Frog is very rigid and the Frog and Bed at the mouth are in alignment so that the Cutter has an even bearing down to the heel of the bevel of the Cutter. The Plane combines solidity, compactness and simplicity. The meeting surfaces of the Frog and Bed are all machined so that the fit is absolute.

Ease of Adjustment.

The lateral adjustment may be secured without removing the hand from the handle and the vertical adjustment, obtained through a direct acting thumb screw at the back of the Cutter, is positive and rapid.

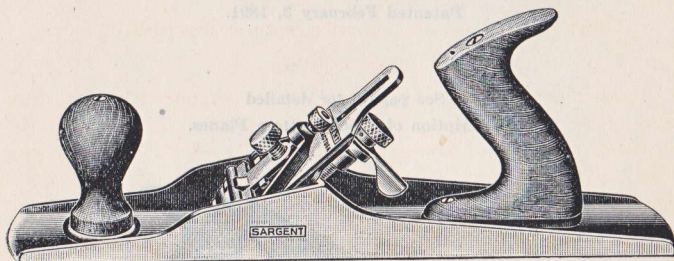
Purpose.

The Plane is intended for both heavy and very fine cuts. It is especially adapted for working against the grain on cross-grained hard wood where the absolute rigidity of the cutter avoids any tendency to chatter.

SARGENT

Auto-Set Iron Bench Planes.

Patented January 12, 1915.



Polished Trimmings. Mahogany Handle and Knob.

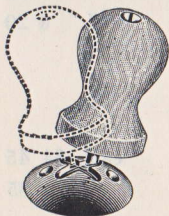
With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Smooth Bottom.

No. 707, Smooth Planes,	7 In.,	1 $\frac{5}{8}$ In. Cutter	each, \$3 60
No. 708, " "	8 " "	1 $\frac{3}{4}$ " "	" 4 00
No. 710, " "	10 " "	2 " "	" 4 40
No. 711, Jack	11 $\frac{1}{2}$ " "	2 " "	" 4 75
No. 714, " "	14 " "	2 " "	" 5 15
No. 718, Fore	18 " "	2 $\frac{3}{8}$ " "	" 6 70
No. 722, Jointer	22 " "	2 $\frac{3}{8}$ " "	" 7 60

Corrugated Bottom.

No. 708 C, Smooth Planes,	8 In.,	1 $\frac{3}{4}$ In. Cutter	each, \$4 35
No. 710 C, " "	10 " "	2 " "	" 4 75
No. 711 C, Jack	11 $\frac{1}{2}$ " "	2 " "	" 5 10
No. 714 C, " "	14 " "	2 " "	" 5 45
No. 718 C, Fore	18 " "	2 $\frac{3}{8}$ " "	" 7 20
No. 722 C, Jointer	22 " "	2 $\frac{3}{8}$ " "	" 8 10



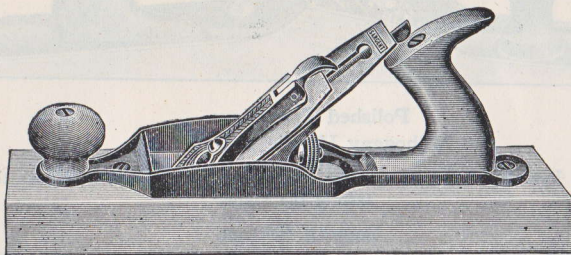
In addition to the features described on the preceding page Nos. 718, 718C, 722 and 722C have an adjustable Knob. This Knob is high, to give a full grip for the hand and is adjustable so that the user may regulate the position of the Knob, bringing it closer to the handle or further away, as he may prefer. This feature makes it convenient for use by carpenters with long or short arms and allows the forward hand plenty of clearance when the Plane is used close up to a projecting surface.

SARGENT

Adjustable Wood-Bottom Bench Planes.

Patented February 3, 1891.

See page 6 for detailed
description of Wood Bottom Planes.



With Screw Adjustment.

With Patent Side Adjustment for exact adjusting of the Cutter with the face
of the Plane.

Jack and Fore Planes.

No. 3415, Jack Plane, 15 In., 2 In. Cutter	each, \$3 40
No. 3417, " " 15 " 2 1/4 " "	" 3 80
No. 3418, Fore " 18 " 2 3/8 " "	" 4 20

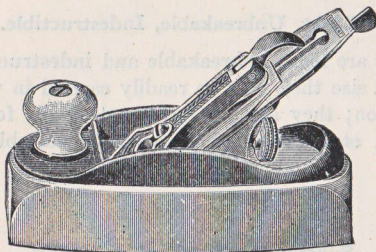
Jointer Planes.

No. 3424, Jointer Plane, 24 In., 2 3/8 In. Cutter	each, \$4 45
No. 3426, " " 26 " 2 5/8 " "	" 4 85

SARGENT

Adjustable Wood-Bottom Bench Planes.

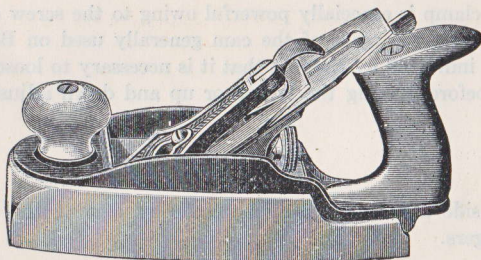
Patented February 3, 1891.



Smooth Planes. With Screw Adjustment.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. 3408,	8 Inches,	1 $\frac{3}{4}$ Inch Cutter	each, \$3 00
No. 3409,	9 " 2 " " "	" " " "	" 3 20



Handled Smooth Planes. Screw Adjustment.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. 3411,	Handled,	9 Inches,	2 Inch Cutter	each, \$3 80
No. 3412,	"	10 " 2 $\frac{3}{8}$ " "	" "	" 4 20

Adjustable All-Steel Block Planes.

Patented December 14, 1915, and January 23, 1917.

Light, Unbreakable, Indestructible.

These Planes are light, unbreakable and indestructible; owing to their shape and size they may be readily carried in the pocket of a carpenter's apron; they are particularly desirable for use in work on scaffoldings, etc. No. 2204 is especially suitable for pattern-makers' use.

Substantial, Serviceable, Handy.

Mechanics will find them substantial, serviceable and handy; they are also particularly suitable for amateur work at home. The **SARGENT** stamp is an indication of their high grade and superior quality.

Powerful Clamp.

The clamp is especially powerful owing to the screw construction which takes the place of the cam generally used on Block Planes. This is indicated by the fact that it is necessary to loosen the clamp screw before making the lateral or up and down adjustment.

Side Adjustment.

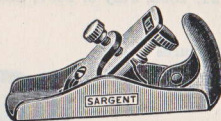
The side adjustment may be made by moving the Cutter with the fingers.

Rapid Up and Down Adjustment.

Rapid up and down adjustment obtained by the screw in the rear. On No. 5206 the head of this screw is made so as to serve as a handle.

SARGENT

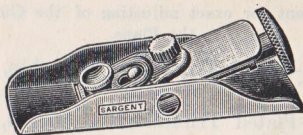
Adjustable All-Steel Block Planes.



Patented January 23, 1917.

With Screw Adjustment.

No. 2204, Pocket Planes, Highly Polished, $4\frac{1}{4}$ Inches, $1\frac{1}{8}$ Inch Cutter each, \$1 20



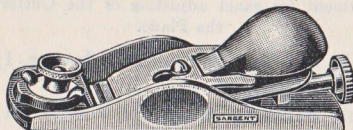
Patented December 14, 1915.

Low Angle. With Screw Adjustment.

No. 5206, Nickel-Plated, 6 In., $1\frac{5}{8}$ In. Cutter . . . each, \$1 60

Adjustable Iron Block Planes.

Patented March 21, 1893, July 6, 1897, and April 24, 1906.



This Clamp
is of Wrought
Steel.

Low Angle. With Screw Adjustment. Knuckle Joint.

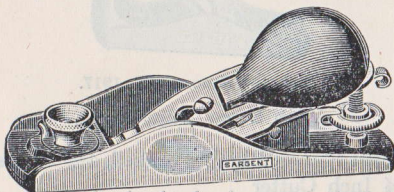
No. 5607, Nickel-Plated Trimmings, 7 Inches, $1\frac{5}{8}$ Inch
Cutter each, \$2 90

SARGENT

Adjustable Iron Block Planes.

Patented March 21, 1893, July 6, 1897, and April 24, 1906.

See page 6 for
description of the special features



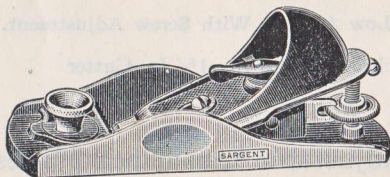
This Clamp
is of Wrought
Steel.

Knuckle Joint.

Screw Adjustment and Adjustable Mouth.

Patent Side Adjustment for exact adjusting of the Cutter with the face of
the Plane.

- | | | |
|-----------|---|--------------|
| No. 5306, | Nickel-Plated Trimmings, 6 Inches, $1\frac{5}{8}$ | |
| | Inch Cutter | each, \$2 70 |
| No. 5307, | Nickel-Plated Trimmings, 7 Inches, $1\frac{5}{8}$ | |
| | Inch Cutter | " 2 85 |



Screw Adjustment and Adjustable Mouth.

Patent Side Adjustment for exact adjusting of the Cutter with the face of
the Plane.

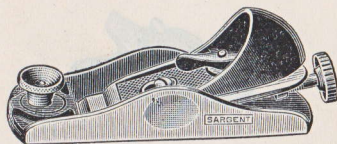
- | | | |
|-----------|---|--------------|
| No. 306, | Highly Polished Trimmings, 6 Inches, $1\frac{5}{8}$ | |
| | Inch Cutter | each, \$2 15 |
| No. 307, | Highly Polished Trimmings, 7 Inches, $1\frac{5}{8}$ | |
| | Inch Cutter | " 2 30 |
| No. 1306, | Nickel-Plated Trimmings, 6 Inches, $1\frac{5}{8}$ | |
| | Inch Cutter | " 2 35 |
| No. 1307, | Nickel-Plated Trimmings, 7 Inches, $1\frac{5}{8}$ | |
| | Inch Cutter | " 2 50 |

SARGENT

Adjustable Iron Block Planes.

Patented March 21, 1893, July 6, 1897, and April 24, 1906.

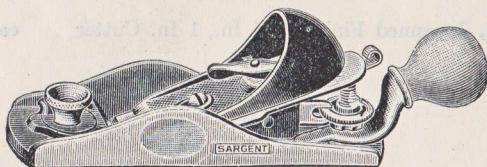
See page 6 for
description of the special features.



Low Angle.

Screw Adjustment and Adjustable Mouth.

No. 606,	Highly Polished Trimmings, 6 Inches, $1\frac{3}{8}$	
	Inch Cutter	each, \$2 30
No. 607,	Highly Polished Trimmings, 7 Inches, $1\frac{5}{8}$	
	Inch Cutter	" 2 45
No. 1606,	Nickel-Plated Trimmings, 6 Inches, $1\frac{3}{8}$	
	Inch Cutter	" 2 60



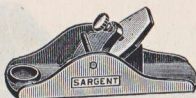
Mahogany Knob

Screw Adjustment and Adjustable Mouth.

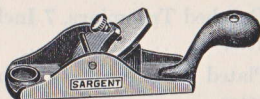
No. 316,	Highly Polished Trimmings, 6 Inches, $1\frac{5}{8}$	
	Inch Cutter	each, \$2 50
No. 317,	Highly Polished Trimmings, 7 Inches, $1\frac{5}{8}$	
	Inch Cutter	" 2 60

SARGENT

Iron Block Planes.

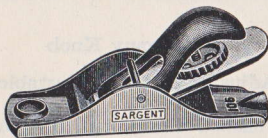


No. 104, Japanned Finish, $3\frac{1}{2}$ In., 1 In. Cutter each, \$0 40



With Handle.

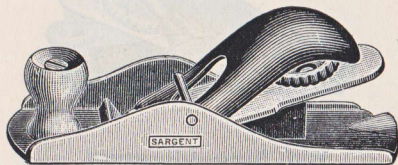
No. 105, Japanned Finish, $3\frac{1}{2}$ In., 1 In. Cutter each, \$0 50



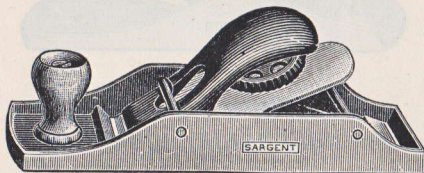
No. 106, Japanned Finish, $5\frac{1}{2}$ In., $1\frac{3}{8}$ In. Cutter each, \$0 80

SARGENT

Iron Block Planes.



No. **107**, Japanned Finish, $7\frac{1}{2}$ In., $1\frac{5}{8}$ In. Cutter each, \$1 10



Double.

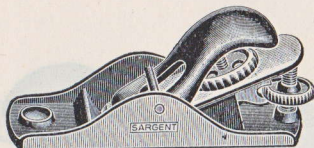
No. **227**, Japanned Finish, $7\frac{3}{4}$ In., $1\frac{5}{8}$ In. Cutter each, \$1 60

The Cutter can be reversed for planing in close corners or elsewhere not easily reached with other planes.

SARGENT

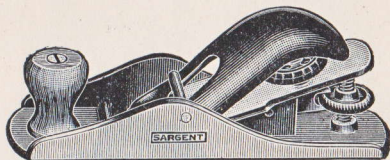
Adjustable Iron Block Planes.

Patented March 21, 1893.



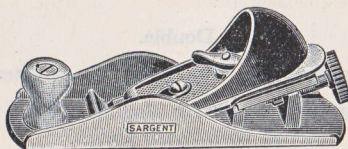
With Screw Adjustment.

No. 206, Japanned Finish, $5\frac{1}{2}$ In., $1\frac{3}{8}$ In. Cutter . each, \$1 20



With Screw Adjustment.

No. 208, Japanned Finish, $7\frac{1}{2}$ In., $1\frac{5}{8}$ In. Cutter . each, \$1 50



With Screw Adjustment.

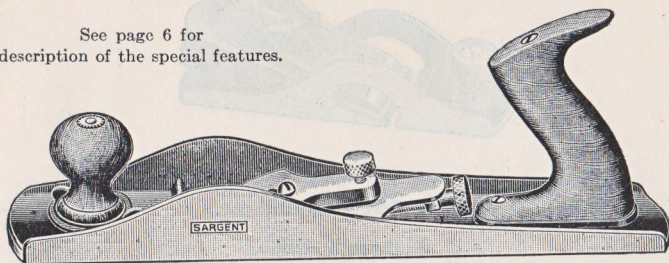
No. 217, Japanned Finish, $7\frac{1}{2}$ In., $1\frac{5}{8}$ In. Cutter . each, \$1 60

SARGENT

Adjustable Iron Block Planes.

Low Angle.

See page 6 for
description of the special features.



Screw Adjustment and Adjustable Mouth.

Polished Trimmings.

Mahogany Handle and Knob.

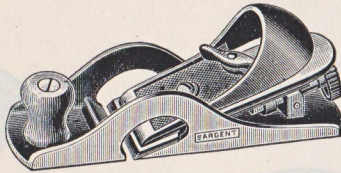
No. 514, 14 Inches, 2 Inch Cutter each, \$5 20

This Plane is especially intended for cutting across the grain, the Cutter being set very low.

It is a heavy Plane, making it desirable for use on knurly cross-grained wood where the ordinary Block Plane would be too light. The bearing surface for the Cutter is arranged so that the Cutter may be swung easily from side to side, in case the cutting edge is not ground exactly true with the bottom.

SARGENT

Adjustable Iron Rabbet Planes.



With Screw Adjustment.

Mahogany Knob.

No. 507, Japanned Finish, 7 Inches, $1\frac{7}{8}$ Inch Cutter, each, \$2 40

This Plane is suitable for either right or left hand rabbeting. The Cutter extends through the sides of the Plane a little beyond the sides in order to give a clearance: this permits the bed to follow along in the cut made by the bit without jamming on the sides. The sides are built up higher than on the ordinary Block Plane to give strength to counteract the side openings.

The Cutter has a quick up and down adjustment, regulated by a direct-acting screw, for increasing or decreasing the depth of the cut.

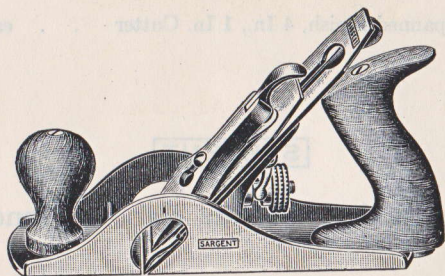
This Plane is a very useful tool, it may be used as a regular Block Plane in addition to having the rabbeting feature.

SARGENT

Adjustable Iron Rabbet Planes.

Patented February 3, 1891.

Especially adapted for use in carriage, wagon, automobile body and ship work.



Mahogany Handle and Knob.

With Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

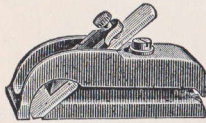
Smooth Bottom.

No. 29, Polished Trimmings, 9 In., $2\frac{1}{8}$ In. Cutter . each, \$5 20

No. 30, “ “ “ 13 “ $2\frac{1}{8}$ “ “ “ 6 30

SARGENT

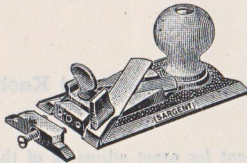
Adjustable Iron Bull-Nose Rabbet Planes.



No. 505, Japanned Finish, 4 In., 1 In. Cutter . . . each, \$0 70

SARGENT

Adjustable Iron Side Rabbet Planes.



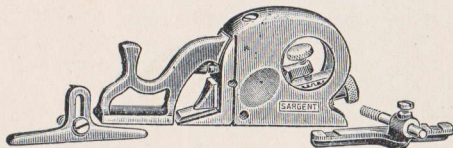
Mahogany Knob.

No. 81, Nickel-plated, 4¼ In., Two ½ In. Cutters . . . each, \$2 20

This is a combined right and left hand adjustable Rabbet Plane. It is a useful tool for side rabbeting and for trimming mouldings, dados and grooves of all kinds. By removing the mouthpiece the carpenter can work close in corners.

Adjustable Iron Bull-Nose Planes.

Patented June 23, 1914.



Rabbet Planes, without Fence and Depth Gauge.

No. 1506 ,	Nickel Plated,	4	In.,	1 In. Cutter	. .	each,	\$3 95
No. 1507 ,	"	"	5½	" ¾	"	. .	3 95
No. 1508 ,	"	"	6½	" 1	"	. .	4 75

These Planes are especially adapted for high grade cabinet work.

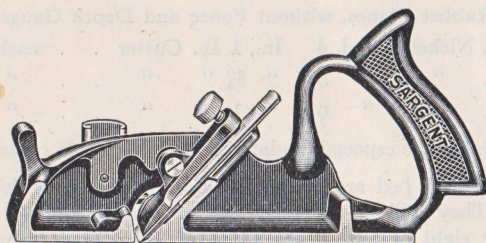
The sides and bed are at right angles, so that a perfect cut is insured. They will lie perfectly flat on either side and can be used either right or left. The width of the throat opening may be made larger or smaller as desired. The forward section of the Plane can be removed, allowing the user to get close up on the work, as there is no portion in advance of the Cutter. A direct acting screw enables the user to throw the Cutter rapidly out or in.

Filletster Rabbet Planes, with Fence and Depth Gauge
as illustrated.

No. 1506½ ,	Nickel Plated,	4	In.,	1 In. Cutter	. .	each,	\$4 60
No. 1507½ ,	"	"	5½	" ¾	"	. .	4 60
No. 1508½ ,	"	"	6½	" 1	"	. .	5 35
Fence and Depth Gauge for Planes Nos. 1506½ to 1508½, complete with Screws							65

These Planes have the same functions as Nos. 1506 to 1508, with the addition of a Fence and Depth Gauge, which are adjustable from either right or left hand, and which may be removed in rabbet work where not required. The Fence regulates the width of the cut and the Depth Gauge the thickness.

Adjustable Iron Rabbet Planes.



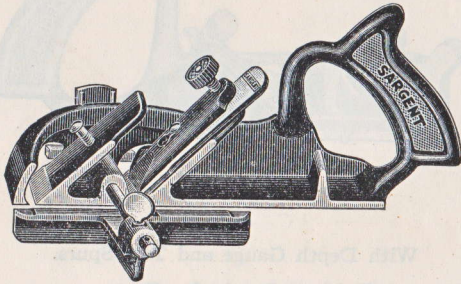
With Depth Gauge and Spur.

No. 196,	Japanned Finish,	8 In.,	1	In. Cutter	each,	\$2 60
No. 197,	"	"	8 " 1¼	" "	"	2 75
No. 198,	"	"	8 " 1½	" "	"	2 90

The spur Cutter works ahead of the large Cutter and serves to insure an even chip.

Adjustable Iron Filletster and Rabbet Planes.

A Filletster is a Rabbet Plane Adjustable for width of cut.



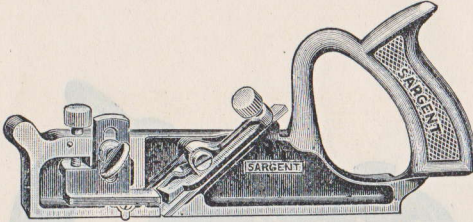
With Depth Gauge and Spur.
Removable Arm and Fence.

No. 79, Japanned Finish, $8\frac{1}{2}$ In., $1\frac{1}{2}$ In. Cutter . each, \$2 90

With two seats for Cutter. When Cutter is placed in the forward seat the Plane can be used as a Bull-Nose Rabbet.

The Arm and Fence can be placed on either side of the Plane, making a right or left hand Filletster.

Adjustable Iron Dado and Rabbet Planes.



With Depth Gauge and Two Spurs.

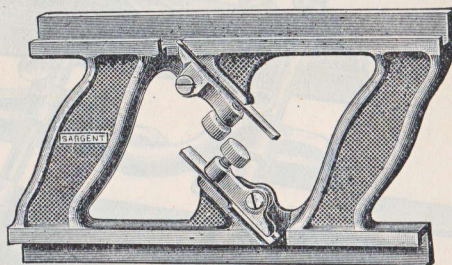
No. 32,	Japaned Finish,	8 In.,	$\frac{1}{4}$ In. Cutter	each,	\$2 90
No. 33,	"	8 "	$\frac{3}{8}$ "	"	3 10
No. 34,	"	8 "	$\frac{1}{2}$ "	"	3 25
No. 35,	"	8 "	$\frac{5}{8}$ "	"	3 40
No. 36,	"	8 "	$\frac{3}{4}$ "	"	3 55
No. 37,	"	8 "	$\frac{7}{8}$ "	"	3 70
No. 38,	"	8 "	1 "	"	4 00

These Planes are used for cutting grooves away from the edge of a surface. As the Cutter is at an angle, the Plane in use gets a shearing cut; Spurs directly in front of the Cutter serve to cut across the grain of the wood and insures a clean cut for that reason. The depth gauge is regulated by the forward thumb-screw.

SARGENT

Adjustable Double Side Matching Planes.

Patented October 22, 1912.



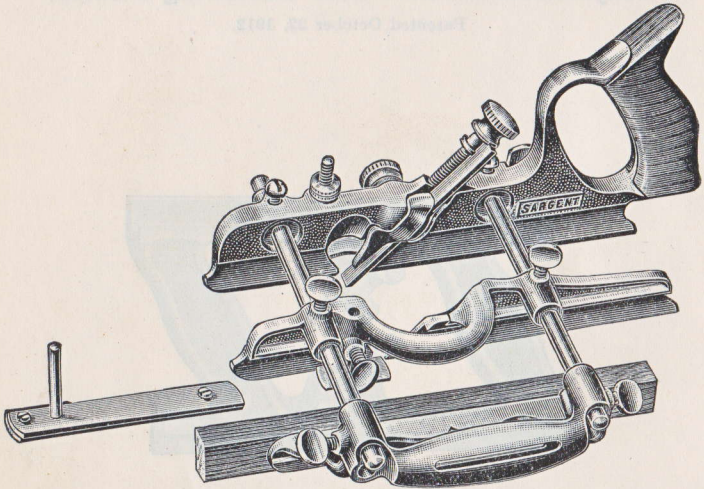
Reversible for Tonguing and Grooving.
Japanned Finish.

No. 1066,	8 $\frac{7}{8}$ In.,	for Matching	$\frac{3}{8}$ In. Board	. .	each,	\$3 95
No. 1067,	8 $\frac{7}{8}$ " "	" "	$\frac{5}{8}$ " "	. .	"	3 95
No. 1068,	8 $\frac{7}{8}$ " "	" "	$\frac{7}{8}$ " "	. .	"	3 95

These Planes are reversible for tonguing and grooving, and are so arranged that by turning the Plane over, the same size cut may be made on both tonguing and grooving. The Plane is designed to take up very little room in the carpenter's kit, having no unnecessary metal.

SARGENT

Combination Planes.



With Screw Adjustment.

Mahogany Handle and Fence Plate.

Packed in Card Board Box.

No. **1080PB**, Nickel Plated, $10\frac{3}{4}$ Inches, complete with
25 Cutters packed in Card Board Box . . . each, \$15 50

Packed in Wooden Box.

No. **1080**, Nickel Plated, $10\frac{3}{4}$ Inches, complete with
25 Cutters and Wooden Box each, \$17 50

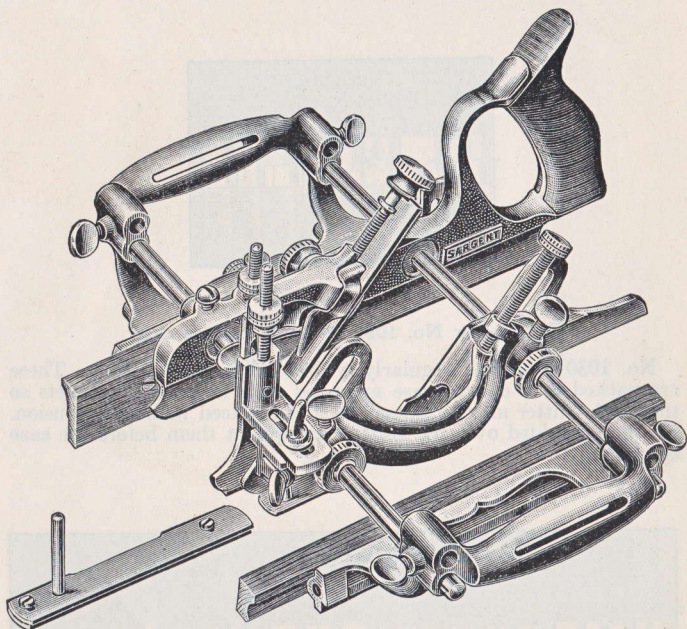
Combination Plane No. 1080 is designed for use in the following types of work: Dadoing, Rabbeting, Tonguing and Grooving, Beading, Slitting and Sash Cutting. It may also be used as a Filletster and with special Cutters as a Reeding Plane.

The canvas case containing the Cutters and the wooden box used for carrying the Plane, are illustrated on pages 32 and 33.

A detailed description and directions for using are packed with each Plane.

SARGENT

Combination Moulding Planes.



With Screw Adjustment.

Mahogany Handle and Fence Plates.

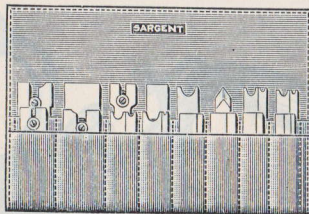
**No. 1085, Nickel Plated, $10\frac{3}{4}$ Inches, complete with
54 Cutters and Wooden Box each, \$30 80**

Combination Moulding Plane No. 1085 will do all the work for which No. 1080 is suitable: Dadoing, Rabbeting, Tonguing and Grooving, Beading, Slitting and Sash Cutting. It may also be used as a Filletster and as a Reeding Fence Plane and is also adapted for Matching, making Hollows and Rounds and a variety of mouldings, including Ogee (Reverse, Roman and Grecian) and Quarter Round with Bead.

The canvas case containing the Cutters and the wooden box used for carrying the Plane, are illustrated on pages 32 and 33.

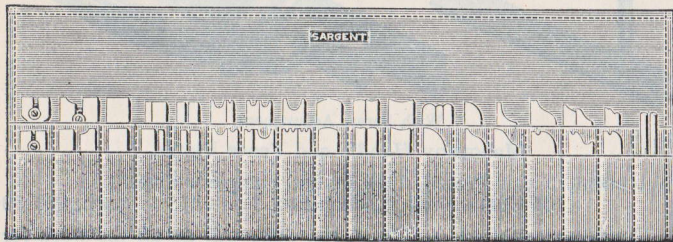
A detailed description and directions for using are packed with each Plane.

Combination Planes.



Cutters for No. 1080 Plane in canvas case.

No. 1080 is packed regularly with 25 different Cutters. These are packed in a canvas case arranged with a series of pockets so that each Cutter may be taken out and replaced without confusion. The flap is folded over the Cutters to protect them before the case is rolled up.

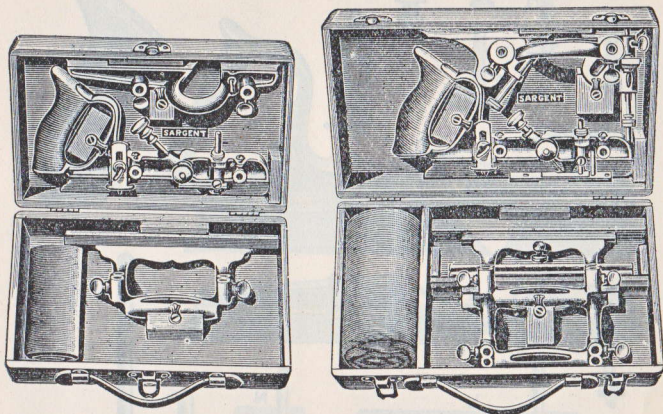


Cutters and Rods for No. 1085 Plane in canvas case.

No. 1085 is packed regularly with 54 different Cutters. These are packed in a canvas case in separate pockets, making them easy to select when required and to replace. When the case is rolled up the flap is folded over the Cutters to protect them.

A detailed description and directions for using are packed with each Plane.

Combination Planes.



Plane No. 1080

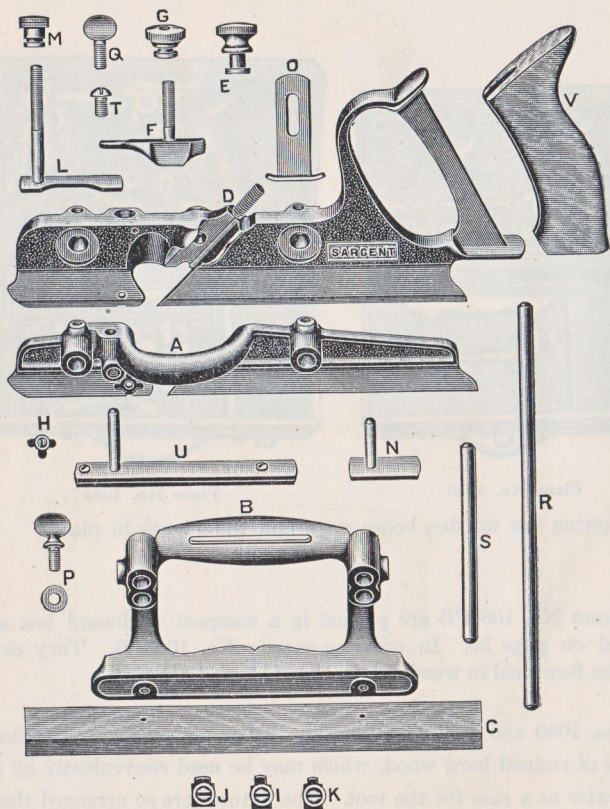
Plane No. 1085

Showing the wooden boxes open and the Planes in place.

Planes No. 1080PB are packed in a compact cardboard box as priced on page 30. In ordering specify No. 1080PB. They can also be furnished in wooden boxes as explained below.

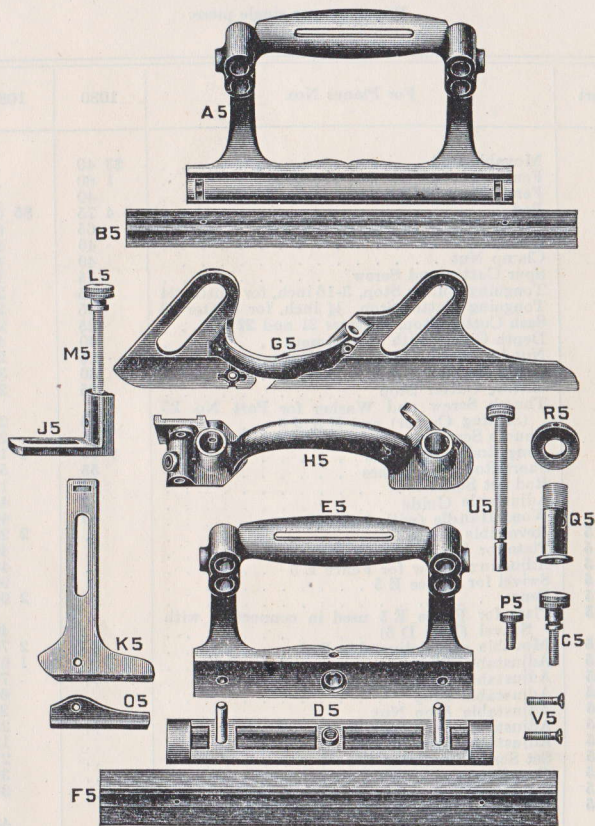
Nos. 1080 and 1085 Combination Planes are packed in handled boxes of stained hard wood, which may be used conveniently by a carpenter as a case for the tool. The fixtures are so arranged that the parts of the Plane are held firmly in position in the box, but may be removed easily as required.

Parts for Sargent Combination Planes.



For names of the Parts with prices see page 36.

Parts for Sargent Combination Planes.



For names of the Parts with prices see page 36.

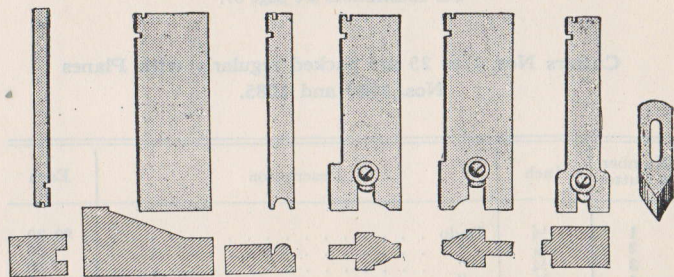
Parts for Sargent Combination Planes.

For Illustrations see pages 34 and 35.

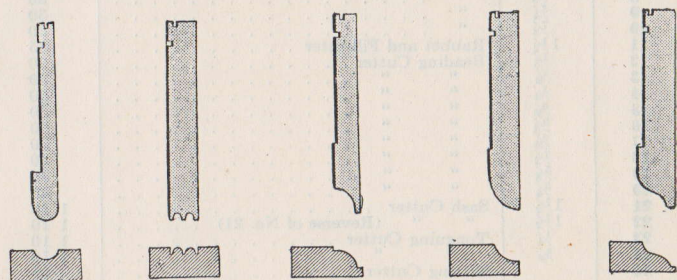
Prices are per single piece.

Part	For Planes Nos.	1080	1085
A	Movable Bed	\$3 40	..
B	Fence	1 60	..
C	Fence Plate with Screws	40	..
D	Bed	4 75	\$5 45
E	Cutter Adjusting Nut and Screw	65	65
F	Clamp	40	40
G	Clamp Nut	40	40
H	Spur Cutter and Screw	15	15
I	Tonguing Cutter Stop, 3-16 inch, for Cutter 24	25	25
J	Tonguing Cutter Stop, 1/4 inch, for Cutter 23	25	25
K	Sash Cutter Stop, Cutters 21 and 22	25	25
L	Depth Gauge with Adjustment	40	40
M	Nut for Depth Gauge with Adjustment	25	25
N	Depth Gauge	30	30
O	Slitting Cutter Stop	25	25
P	Thumb Screw and Washer for Part No. 25 (Slitting Cutter) and K 5, J 5	25	25
Q	Thumb Screw for Parts A, B, A 5, E 5, G 5	25	25
R	Long Rod, 8 1/4 inches	1 10	1 10
S	Short Rod, 4 1/2 inches	55	55
T	Rod Set Screw	15	15
U	Adjustable Guide	40	40
V	Wood Handle (with 2 rivets)	40	40
A 5	Reversible Fence . . . . .	..	2 20
B 5	Plate for Fence A 5 . . . . .	..	40
C 5	Adjusting Screw for Fence E 5 . . . . .	..	40
D 5	Swivel for Fence E 5 . . . . .	..	90
E 5	Fence . . . . .	..	2 90
F 5	Plate for Fence E 5 used in connection with Swivel (Part D 5) . . . . .	..	40
G 5	Movable and Adjustable Bed . . . . .	..	2 75
H 5	Adjustable Slide . . . . .	..	1 65
J 5	Adjustable Stop Rest . . . . .	..	70
K 5	Adjustable Stop . . . . .	..	65
L 5	Adjustable Stop Nut . . . . .	..	25
M 5	Adjustable Stop Slide Screw . . . . .	..	25
O 5	Adjustable Stop Shoe . . . . .	..	15
P 5	Set Screw for Fence E 5 . . . . .	..	25
Q 5	Coupling . . . . .	..	30
R 5	Coupling Nut . . . . .	..	30
U 5	Adjusting Screw for Movable and Adjustable Bed (Part G 5) . . . . .	..	40
V 5	Two Machine Screws for Plates B 5 and F 5 . . . . .	..	08

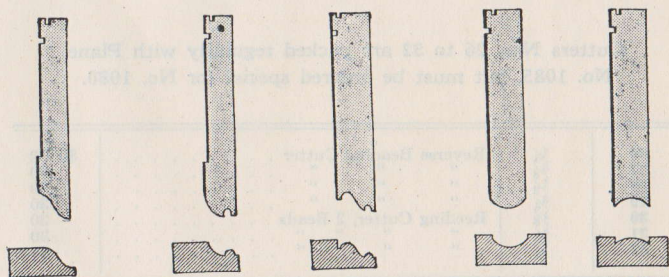
Cutters for Sargent Combination Planes.



Nos. 1-10 11 12-20 21 22 23, 24 25
Cutters for Combination Planes Nos. 1080 and 1085 and Cross Sections showing the exact cuts in the wood made by the Cutters.



Nos. 26-29 30-32 101, 102 103, 104 105-107



108, 109 110, 111 112-114 115-118 119-122
Cutters for Combination Moulding Planes No. 1085 and Cross Sections showing the exact cuts in the wood made by the Cutters.

For names of the Cutters with prices see pages 38 and 39.

Cutters for Sargent Combination Planes.

For Illustrations see page 37.

Cutters Nos. 1 to 25 are packed regularly with Planes
Nos. 1080 and 1085.

Number of Cutter	Inch	Description	Each
1	$\frac{1}{8}$	Dado	\$0 30
2	$\frac{3}{16}$	"	30
3	$\frac{1}{4}$	"	30
4	$\frac{5}{16}$	"	30
5	$\frac{3}{8}$	"	30
6	$\frac{7}{16}$	"	30
7	$\frac{1}{2}$	"	30
8	$\frac{5}{8}$	"	30
9	$\frac{3}{4}$	"	30
10	$\frac{7}{8}$	"	30
11	$1\frac{1}{2}$	Rabbet and Filletster	55
12	$\frac{1}{8}$	Beading Cutter	30
13	$\frac{3}{16}$	"	30
14	$\frac{1}{4}$	" "	30
15	$\frac{5}{16}$	" "	30
16	$\frac{3}{8}$	" "	30
17	$\frac{7}{16}$	" "	30
18	$\frac{1}{2}$	" "	30
19	$\frac{5}{8}$	" "	30
20	$\frac{3}{4}$	" "	30
21	$1\frac{1}{2}$	Sash Cutter	1 10
22	$1\frac{1}{2}$	" " (Reverse of No. 21)	1 10
23	$\frac{1}{4}$	Tonguing Cutter	1 10
24	$\frac{3}{16}$	"	1 10
25		Slitting Cutter	65

Cutters Nos. 26 to 32 are packed regularly with Plane
No. 1085, but must be ordered special for No. 1080.

26	$\frac{1}{4}$	Reverse Beading Cutter	\$0 30
27	$\frac{3}{8}$	" " "	30
28	$\frac{1}{2}$	" " "	30
29	$\frac{3}{4}$	" " "	30
30	$\frac{1}{8}$	Reeding Cutter, 2 Beads	30
31	$\frac{3}{16}$	" " " "	30
32	$\frac{1}{4}$	" " " "	30

Cutters for Sargent Combination Planes.

For Illustrations see page 37.

Cutters Nos. 101 to 122 are packed regularly with Plane No. 1085.

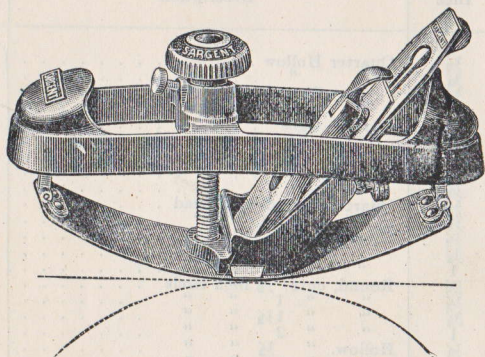
Number of Cutter	Inch	Description	Each
101	$\frac{1}{2}$	Quarter Hollow	\$1 00
102	$\frac{3}{4}$	“ “	1 00
103	$\frac{5}{8}$	“ Round	1 00
104	$\frac{7}{8}$	“ “	1 00
105	$\frac{1}{2}$	Reverse Ogee	1 00
106	$\frac{3}{4}$	“ “	1 00
107	1	“ “	1 00
108	$\frac{5}{8}$	Roman “	1 00
109	$\frac{7}{8}$	“ “	1 00
110	$\frac{5}{8}$	Quarter Round with Bead	1 00
111	$\frac{7}{8}$	“ “	1 00
112	$\frac{1}{2}$	Grecian Ogee	1 00
113	$\frac{3}{4}$	“ “	1 00
114	1	“ “	1 00
115	$\frac{3}{8}$	Round, cuts $\frac{1}{2}$ inch circle	50
116	$\frac{1}{2}$	“ “ 1 “ “	50
117	$\frac{3}{4}$	“ “ $1\frac{1}{2}$ “ “	50
118	1	“ “ 2 “ “	50
119	$\frac{1}{4}$	Hollow, “ $\frac{1}{2}$ “ “	50
120	$\frac{1}{2}$	“ “ 1 “ “	50
121	$\frac{3}{4}$	“ “ $1\frac{1}{2}$ “ “	50
122	1	“ “ 2 “ “	50

Blanks for Cutters and special Cutters for Combination Planes Nos. 1080 and 1085, suitable for various types of work, and not included in the foregoing, will be furnished to order at a reasonable price. A drawing with full description and measurements of Cutter is required where a special Cutter is ordered.

SARGENT

Adjustable Iron Circular Planes.

Patented February 3, 1891.



This is an improved durable pattern built for strength. The flexible steel face may be adjusted to the required arc, either convex or concave, for planing curved surfaces and is accurately set and firmly held in position by the knob and set screw.

The rear of the frog is roughly graduated so as to enable the user to judge the arc more easily.

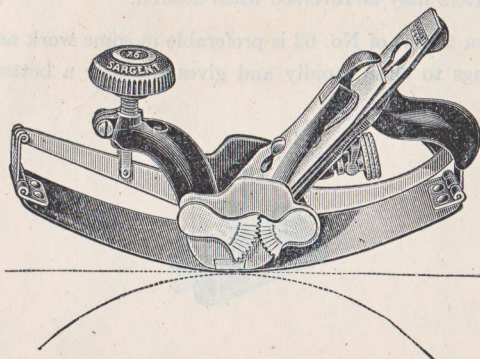
Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. 74, Japanned, 10 Inches, $1\frac{3}{4}$ Inch Cutter . each, \$7 90

SARGENT

Adjustable Iron Circular Planes.

Patented February 3, 1891.



These Planes have a flexible steel face which may be adjusted by turning the knob, to plane the arc of the required circle, either convex or concave. The graduated scale on the side serves as a gauge, which enables the user to set the Plane accurately.

Patent Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

No. 76, Japanned, 10 Inches, $1\frac{3}{4}$ Inch Cutter . each, \$7 35

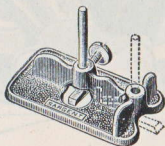
Adjustable Iron Router Planes.

Especially adapted for pattern work.

Router Planes Nos. 61, 62 and 73 are used for planing off depressed surfaces and are especially adapted for pattern work.

The Cutters may be reversed when desired.

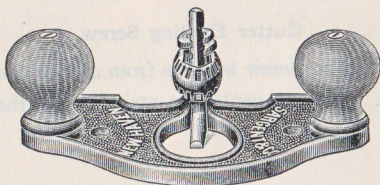
The open throat of No. 62 is preferable in some work as it allows the shavings to clear rapidly and gives the user a better view of his work.



No. 73 , Nickel Plated, $3\frac{1}{8}$ Inches, $\frac{1}{4}$ Inch Cutter . . .	each, \$0 62
Extra Cutters for the above Planes, $\frac{1}{4}$ Inch . . .	“ 25

Adjustable Iron Router Plane No. 73 may be used on very narrow work because of the small size of the Cutter. It is so constructed that the Cutter and the Clamp Screw may be removed to the end of the Plane, where the space will not permit the Plane to be used otherwise. The Clamp Screw has a slot, so that it may be adjusted by a screw driver. The lightness and compactness of the Plane make it especially useful. It may be used as a Depth Gauge by reversing the Cutter.

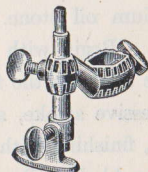
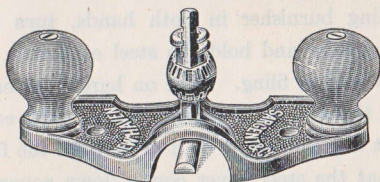
Adjustable Iron Router Planes.



Screw Adjustment.

Closed Throat, Wood Handles.

No. 61, Nickel-Plated, with two Cutters, $\frac{1}{4}$ and $\frac{1}{2}$ In. Each
\$2 75



Attachment packed with
No. 62.

Screw Adjustment.

Open Throat, Wood Handles.

No. 62, Nickel-Plated, with two Cutters, $\frac{1}{4}$ and $\frac{1}{2}$
Inch, also extra attachment for closing the
throat each, \$3 40

Extra Cutters for the above Router Planes.

$\frac{1}{4}$ and $\frac{1}{2}$ Inch each, \$0 50

Adjustable Iron Scraper Planes.

Cutter Binding Screw.

The Cutter Binding Screw is made from a steel stud, headed over in a brass nut. This prevents the stripping of threads on brass screws.

Removable Frog.

The Frog, held by a machine screw, may be easily replaced in case of breakage.

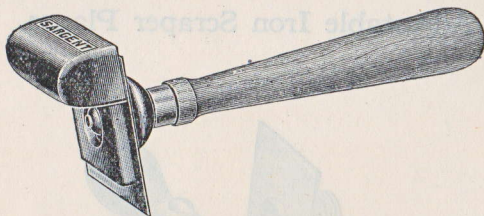
To Sharpen Scraper Blades for Heavy Work.

File Cutter to a keen edge, removing wire edge with a coarse, medium oil stone. Holding burnisher in both hands, turn the edge. Begin with light pressure and hold the steel at nearly the same angle as the file was held in filing. Bear on harder for each successive stroke, and let the tool come a little nearer level each time, finishing with tool at angle of about 60 degrees from the face of the blade. Be sure that the steel never comes down squarely on the fine edge, for that will ruin it. Keep the edge a little ahead of the face of the Cutter. The object is to get a hook edge that is sharp.

The Scraper Blade for very smooth work may be used with no bevel, and in this case it should be sharpened on the end in such a way that the two edges are kept keen.

SARGENT

Adjustable Iron Scraper Planes.

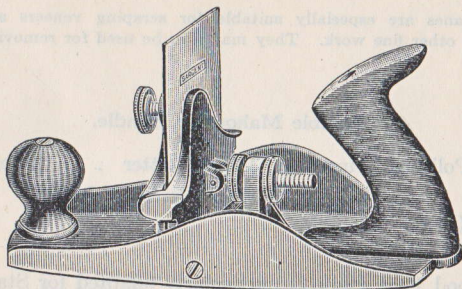


Patented June 19, 1923.

Wood Handle.

The handle is set on a universal joint and can be readily adjusted to bring the cutter to any angle desired. The top of the clamp is shaped to provide a handy grip that fits the hand. The blade is reversible and all four edges may be used without removing the blade from the clamp. One edge is beveled and sharpened ready for use. It is only necessary to loosen the handle sufficiently to turn the blade until the new cutting edge is in position.

No. 52, Japanned Finish, 9 Inches, $3\frac{1}{2} \times 3\frac{1}{2}$ Inch Cutter, each, \$1 50
 Extra Cutters for the above Scrapers " 40



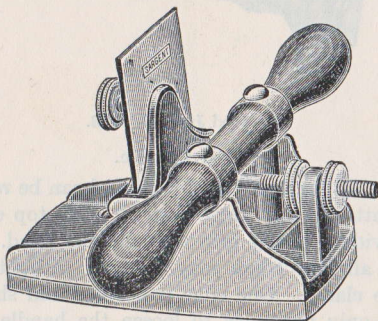
Mahogany Handle and Knob.

No. 59, Polished Trimmings, 9 Inches, 3 Inch Cutter . each, \$4 25

Extra Cutters for the above Planes.

3 Inch each, \$0 40

Adjustable Iron Scraper Planes.



No. 43

No. 42 is same as No. 43 without the Wood Face.

These Planes are especially suitable for scraping veneers and finishing cabinet and other fine work. They may also be used for removing old paint and glue.

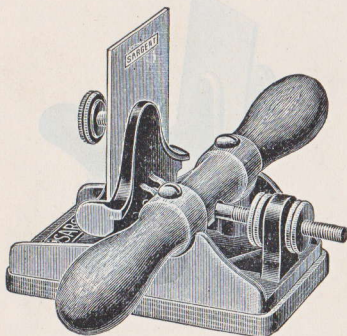
Double Mahogany Handle.

No. 42,	Polished Trimmings, 3 Inch Cutter	. . .	each,	\$4 25
No. 43,	“ “ Wood Face, 3 Inch			
	Cutter	. . . . .	“	6 10

The Wood Face Plane is particularly adapted for Stair Makers' and Floor Finishers' use.

Extra Cutters for the above Planes, 3 Inch	. . .	each,	\$0 40
Wood Bottoms for Planes No. 43	. . . . .	“	50

Adjustable Iron Scraper Planes.



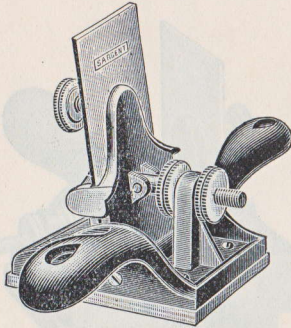
Mahogany Double Handle.

No. 44, Polished Trimmings, Wood Face, 3 Inch
 Cutter each, \$5 75

This plane is similar to No. 43 but it has a wide mouth and is designed especially for use as a Floor Scraper. It has a wood bottom which is held in position by four brass screws and the handle is set lower than the handle on No. 43, enabling the user to exert greater force and weight.

Extra Cutters for the above Planes, 3 Inch . . . each, \$0 40
 Wood Bottoms for the above Planes " 50

Adjustable Iron Scraper Planes.



Raised Handles.

No. 53, Japanned, Beech-Wood Face, $3\frac{1}{2}$ Inches,
 $2\frac{1}{2}$ Inch Cutter each, \$3 40

This is a light floor or veneer scraper which has a wood face to lessen friction. Suitable for finishing cabinet and other fine work, also for removing old paint and glue.

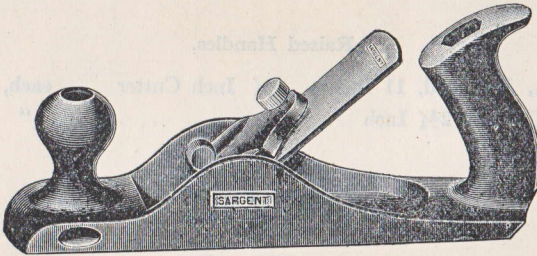
The Cutter is adjustable at any angle desired.

Extra Cutters for the above Planes, $2\frac{1}{2}$ Inch . . . each, \$0 40
 Wood Bottoms for the above Planes “ 50

Adjustable Iron Roughing Planes.

Patented September 22, 1914.

Roughing Planes are especially adapted for use on rough lumber. Owing to the curve of the Cutter it will take off material very rapidly. The body of the Plane is made of one solid casting, including the handle and knob. The Cutter is held firmly in position by means of a clamp.



Screw Adjustment for Cutters.

No. 160,	Japanned,	10 Inches,	1	Inch Cutter	..	each,	\$2 15
No. 161,	"	11	"	1½	" "	"	2 45

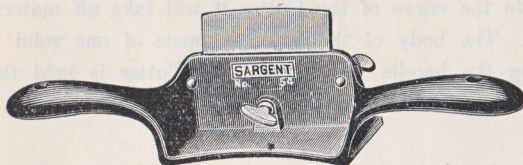
Extra Cutters for the above Planes.

1 and 1½ Inch	..	each,	\$0 40
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SARGENT

Handled Cabinet Scrapers.

By means of the Cutter Binding Screw the Cutter may be slightly curved in order to make it more effective on cross-grained work.

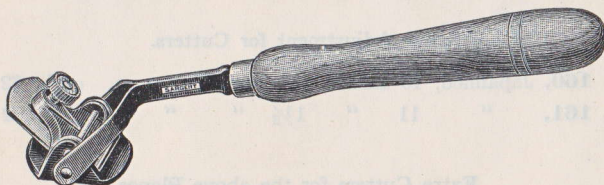


Raised Handles.

No. 54, Japanned, 11 Inches, 2 $\frac{3}{4}$ Inch Cutter	each, \$1 35
Extra Cutters, 2 $\frac{3}{4}$ Inch	" 25

SARGENT

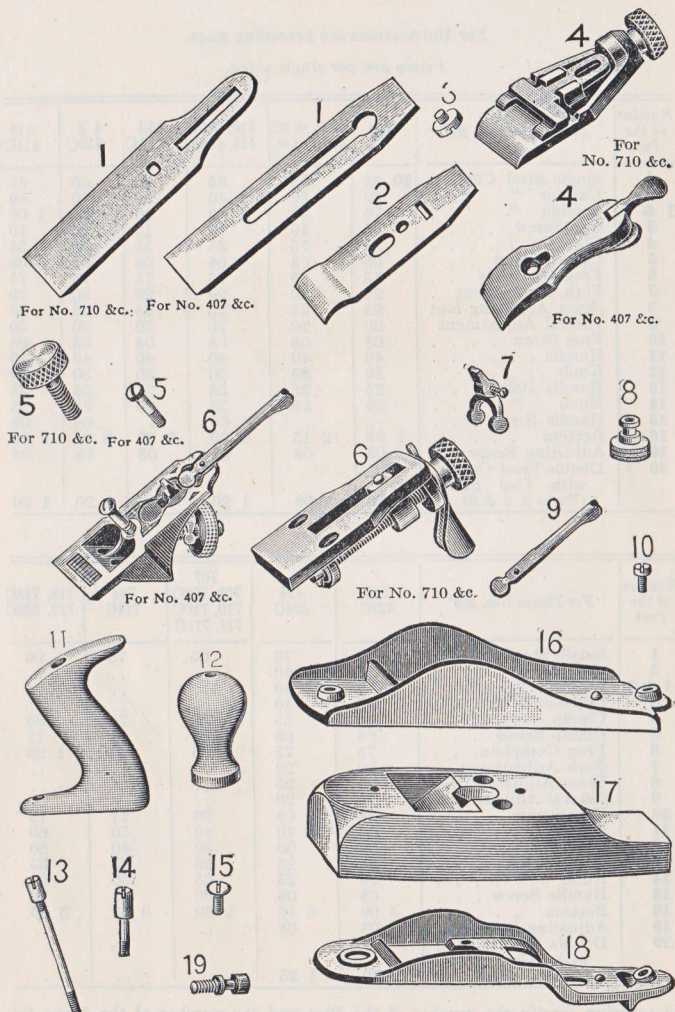
Adjustable Box Scrapers.



Malleable Iron, Wood Handle.

No. 50, Japanned, 13 Inches, 2 Inch Cutter, with Curved Face	each, \$0 85
Extra Cutters, 2 Inch	" 25

Parts for Sargent Bench Planes.



For names of the Parts with prices see the following pages.

Parts for Iron Bench Planes.

For Illustrations see preceding page.

Prices are per single piece.

Number of the Part	For Planes Nos. <i>2F</i>	407	408, 4C8C 409, 4C9C	410, 410C 414, 414C	411 411C	4 5 415C	418 418C
1	Single Steel Cutter .	\$0 45	55	65	55	65	65
2	Cap for " " .	30	20	40	30	40	40
1 & 2	Double " " .	70	90	1 00	90	25	1 00
3	Cap Screw	10	10	10	10	10	10
4	Clamp	55	55	55	55	55	55
5	Clamp Screw	08	08	08	08	08	08
6	Frog Complete	75	75	75	75	75	75
7	Fork Adjustment	20	20	20	20	20	20
8	Brass Adjusting Nut	25	25	25	25	25	25
9	Lateral Adjustment	20	20	20	20	20	20
10	Frog Screw	08	08	08	08	08	08
11	Handle	40	40	40	40	40	40
12	Knob	30	30	30	30	30	30
13	Handle Bolt	25	25	25	25	25	25
14	Knob " "	25	25	25	25	25	25
15	Handle Screw . . . . .	..	..	08	..	08	08
16	Bottom	1 85	2 15	2 60	2 60	3 05	3 60
19	Adjusting Screw	08	08	08	08	08	08
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3)	90	1 00	1 20	1 00	1 20	1 20

Number of the Part	For Planes Nos. <i>2F</i>	422 422C	424 424C	707 708, 708C 710, 710C 711, 711C	714 714C	718, 718C 722, 722C
1	Single Steel Cutter .	\$0 70	70	65	75	90
2	Cap for " " .	40	40	..	..	..
1 & 2	Double " " .	1 10	1 10	..	..	..
3	Cap Screw	10	10	..	..	..
4	Clamp	55	55	55	70	80
5	Clamp Screw	08	08	08	11	12
6	Frog Complete	75	75	75	90	1 20
7	Fork Adjustment	20	20	..	..	..
8	Brass Adjusting Nut	25	25	..	..	..
9	Lateral Adjustment	20	20	..	..	..
10	Frog Screw	08	08	08	11	12
11	Handle	40	40	40	50	60
12	Knob	30	30	30	40	50
13	Handle Bolt	25	25	25	30	35
14	Knob " "	25	25	25	30	35
15	Handle Screw	08	08	08	11	12
16	Bottom	5 00	6 10	2 60	3 25	3 65
19	Adjusting Screw	08	08	..	..	..
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3)	1 20	1 25	..	..	..

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

Parts for Sargent Bench Planes.

For Wood-Bottom Planes.

For Illustrations see page 51.

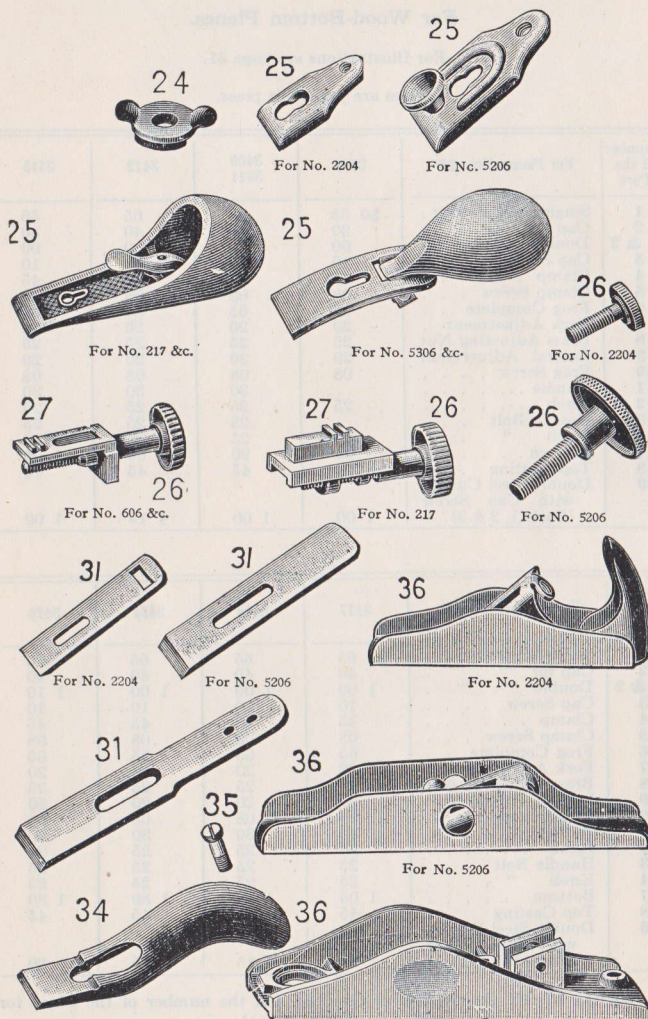
Prices are per single piece.

Number of the Part	For Planes Nos. <i>1P</i>	3408	3409 3411	3412	3415
1	Single Steel Cutter .	\$0 55	55	65	55
2	Cap for " " .	30	30	40	30
1 & 2	Double " " .	90	90	1 00	90
3	Cap Screw	10	10	10	10
4	Clamp	45	45	45	45
5	Clamp Screw	08	08	08	08
6	Frog Complete . . .	65	65	65	65
7	Fork Adjustment . .	20	20	20	20
8	Brass Adjusting Nut	25	25	25	25
9	Lateral Adjustment	20	20	20	20
10	Frog Screw	08	08	08	08
11	Handle	30	30	30	30
12	Knob	25	25	25	25
13	Handle Bolt	25	25	25	25
14	Knob "	25	25	25	25
17	Bottom	90	90	1 05	1 05
18	Top Casting	45	45	45	45
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3) . .	1 00	1 00	1 15	1 00

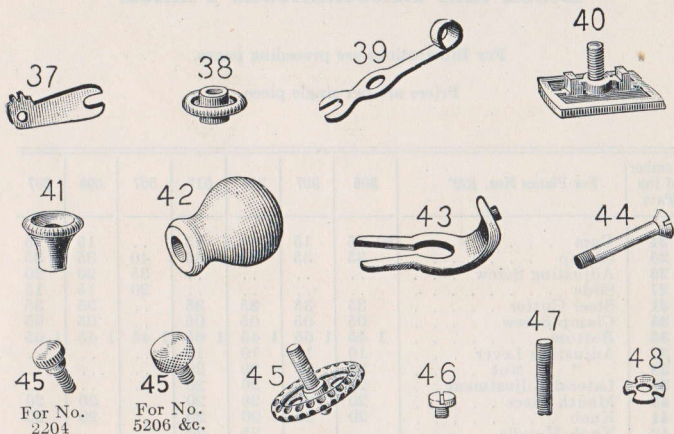
Number of the Part	For Planes Nos. <i>1P</i>	3417	3418	3424	3426
1	Single Steel Cutter .	\$0 65	65	65	70
2	Cap for " " .	40	40	40	40
1 & 2	Double " " .	1 00	1 00	1 00	1 10
3	Cap Screw	10	10	10	10
4	Clamp	45	45	45	45
5	Clamp Screw	08	08	08	08
6	Frog Complete . . .	65	65	65	65
7	Fork Adjustment . .	20	20	20	20
8	Brass Adjusting Nut	25	25	25	25
9	Lateral Adjustment	20	20	20	20
10	Frog Screw	08	08	08	08
11	Handle	30	30	30	30
12	Knob	25	25	25	25
13	Handle Bolt	25	25	25	25
14	Knob "	25	25	25	25
17	Bottom	1 05	1 50	1 80	1 80
18	Top Casting	45	45	45	45
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 & 3) . .	1 15	1 15	1 15	1 20

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

Parts for Block and Miscellaneous Planes.



Parts for Block and Miscellaneous Planes, Continued.



Prices are per single piece.

Number of the Part	For Planes Nos. <i>18</i>	104	105	106	107	206	208	217	227	505
18	Top Casting . . . .	..	..	..	..	..	..	..	..	35
25	Clamp . . . . .	..	..	..	..	..	..	35	..	..
26	Adjusting Screw . . .	..	..	..	..	..	..	20	..	..
27	Slide . . . . .	..	..	..	..	..	..	15	..	..
31	Steel Cutter	\$0 15	15	20	25	20	25	25	25	20
34	Clamp	08	08	20	20	20	20	..	20	20
35	Clamp Screw	05	05	..	..	..	..	05	..	05
36	Bottom	20	25	35	55	40	65	65	70	35
37	Adjusting Lever . . .	..	..	..	..	10	10	..	..	..
38	" Nut . . . . .	..	..	..	..	20	20	..	..	..
41	Knob . . . . .	..	..	..	20	20	20	20	20	..
45	Clamp Set Screw . .	..	..	20	20	20	20	..	20	..
47	Headless Machine Screw . . . . .	..	..	..	..	05	05	..	..	..

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

For additional prices of Parts see the following page.

Parts for Sargent Block and Miscellaneous Planes.

For Illustrations see preceding pages.

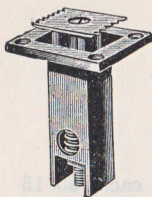
Prices are per single piece.

Number of the Part	For Planes Nos. <i>24</i>	306	307	316	317	507	606	607
24	Cam	\$0 15	15	15	15	..	15	15
25	Clamp	35	35	35	35	40	35	35
26	Adjusting Screw . . . . .	..	..	..	..	35	20	20
27	Slide . . . . .	..	..	..	..	20	15	15
31	Steel Cutter	35	35	35	35	..	35	35
35	Clamp Screw	05	05	05	05	..	05	05
36	Bottom	1 45	1 65	1 45	1 65	1 45	1 45	1 65
37	Adjusting Lever	10	10	10	10	..	..	..
38	“ Nut	20	20	20	20	..	..	..
39	Lateral Adjustment	20	20	20	20	..	..	..
40	Mouth Piece	20	20	20	20	..	20	20
41	Knob	20	20	20	20	..	20	20
42	Knob Handle . . . . .	..	..	25	25	..	..	..
43	Handle Casting . . . . .	..	..	25	25	..	..	..
44	“ Screw . . . . .	..	..	05	05	..	..	..
46	Filletster Head Screw	05	05	05	05	..	..	..
47	Headless Machine Screw	05	05	05	05	..	..	..
48	Cog Nut . . . . .	..	..	05	05	..	..	..

Number of the Part	For Planes Nos. <i>24</i>	1306 5306	1307 5307	1606	2204	5206	5607
24	Cam	\$0 15	15	15	..	..	15
25	Clamp	40	40	..	25	40	40
26	Adjusting Screw . . . . .	..	..	20	35	35	20
27	Slide . . . . .	..	..	15	..	..	15
31	Steel Cutter	35	35	35	20	35	35
35	Clamp Screw	05	05	05	05	..	05
36	Bottom	1 45	1 65	1 45	..	..	1 65
37	Adjusting Lever	10	10	..	..	..	..
38	“ Nut	20	20	..	..	..	..
39	Lateral Adjustment	20	20	..	..	..	..
40	Mouth Piece	20	20	20	..	..	20
41	Knob	20	20	20	..	..	20
45	Clamp Set Screw . . . . .	..	..	..	20	05	..
46	Filletster Head Screw	05	05	..	..	..	..
47	Headless Machine Screw	05	05	..	..	..	..

In ordering specify the number of the Part and the number of the Plane for which the part is wanted.

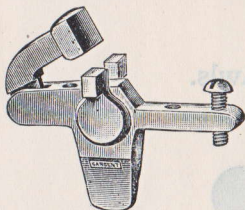
Bench Hooks.



Malleable Iron Top.

No. 41, Polished Face . . each, \$1 00

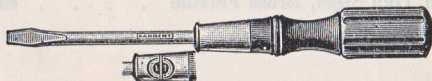
Aiken's Saw Sets.



Highest Grade of
Cast Steel.

No. 1, Galvanized . each, \$1 50

SARGENT Screw Drivers.



Red Handle, Highly Finished Refined Tool Steel,
Steel Ferrule.

No. 66, Round Forged Blade.

INCH	2½	3	4	5
Each	\$0 25	30	35	40
INCH	6	8	10	12
Each	\$0 50	60	80	1 00.

Cabinet Screw Drivers.

No. 67, Round Forged Blade.

These are of the same high quality as No. 66
but have thinner blades for use in cabinet and other fine work.

INCH	2½	3½	4½	5½	6½
Each	\$0 25	30	35	40	50

Handled Brad Awls.



No. 12, Assorted, Brass Ferrule each, \$0 15

Handled Scratch Awls.



No. 0, Refined Tool Steel, Brass Ferrule each, \$0 12

Cold Chisels.



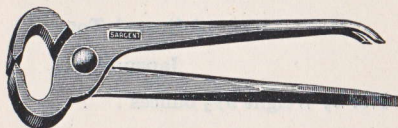
No. 95, Solid Refined Tool Steel, Octagon.

INCH	3-8	1-2	5-8	3-4	1
Length	6	6½	7	7½	8 Inch
Each	\$0 25	35	40	60	1 00

Carpenters' Pincers.

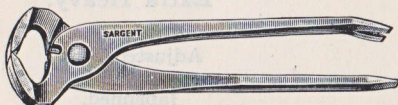
Solid Refined Tool Steel.

Extra Quality, Warranted.



A combination Pincer, Screw Driver and Nail Claw.

	Inch	6	8	10	12
No. 43, Polished Jaws . . . each,		\$0 65	80	1 05	1 20



A combination Pincer, with Hammer Head, Wire Cutter, Screw Driver and Nail Claw.

	Inch	6	8
No. 44, Polished Jaws . . . each,		\$0 70	90

SARGENT Steel Plumb Bobs.

Hexagon Steel, Nickel Plated.

Brass Screw Top.



No. 206, Weight 6 ounces	each,	\$0 60
No. 208, " 8 "	"	70
No. 212, " 12 "	"	90

Brass Plumb Bobs.

Cast Brass, Lead Filled, Steel Pointed,
Screw Top.



No. 5, Weight 6 ounces	each,	\$0 75
No. 6, " 11½ "	"	1 00
No. 8, " 16 "	"	1 15

Iron Plumb Bobs.



Adjusted Top.

Japanned.

No. 2, Weight $9\frac{1}{2}$ ounces each, \$0 15

Extra Heavy.



Adjusted Top.

Japanned.

No. 21, Weight 1 pound each, \$0 25

No. 22, " 2 " " 40

No. 23, " 3 " " 60



Adjusted Top.

Japanned.

No. 28, Weight 6 ounces each, \$0 15

No. 29, " 9 " " 20

No. 30, " 12 " " 25

No. 31, " 18 " " 40

Nickel Plated.

No. N 28, Weight 6 ounces each, \$0 30

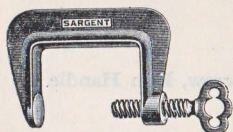
No. N 29, " 9 " " 40

No. N 30, " 12 " " 50

No. N 31, " 18 " " 65

Cabinet Maker's or Quilt-Frame Clamps.

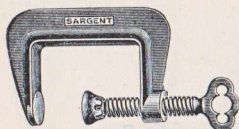
Japanned.



No. 1,	Opens $2\frac{1}{4}$ Inches	each, \$0 10
No. 2,	" $2\frac{1}{4}$ " Heavy	" 15
No. 3,	Opens $3\frac{7}{8}$ Inches Heavy	" 20

Ball and Socket Head on Screw.

Japanned.

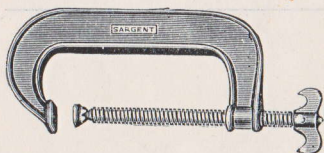


No. 32,	Opens $1\frac{7}{8}$ Inches	each \$0 15
No. 33,	" $2\frac{3}{4}$ " "	" 20

Carriage Makers' Clamps.

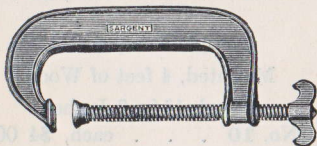
Designed for use in Woodwork.

Malleable Iron, Steel Screw. Ball and Socket Swivel.



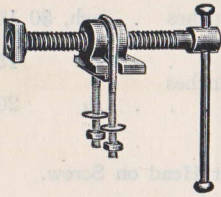
Numbers	Opens	Each
12	$2\frac{1}{2}$ Inches	\$0 20
13	3 "	40
14	4 "	60
15	5 "	75
16	6 "	95
17	7 "	1 20
18	8 "	1 50
20	10 "	2 00
22	12 "	2 50

Malleable Iron, Steel Screw.



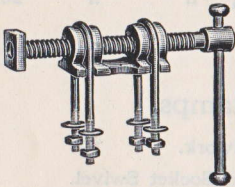
Numbers	Opens	Each
12 $\frac{1}{2}$	$2\frac{1}{2}$ Inches	\$0 20
13 $\frac{1}{2}$	3 "	40
14 $\frac{1}{2}$	4 "	60
15 $\frac{1}{2}$	5 "	75
16 $\frac{1}{2}$	6 "	95
17 $\frac{1}{2}$	7 "	1 20
18 $\frac{1}{2}$	8 "	1 50
20 $\frac{1}{2}$	10 "	2 00
22 $\frac{1}{2}$	12 "	2 50

Clamp Heads.



Wrought Screw, Iron Handle.

No. 11, 1 Inch . . . each, \$3 00



No. 12, Wrought Screw,

Iron Handle.

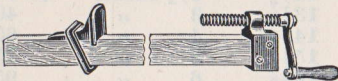
Inch	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Each	\$4 00	4 55	5 70

Door Clamps.

Japanned.

Irons only. Not Mounted.

No. 5 . . . each, \$2 75



No. 10. Whole length 4 feet.

Complete as per Cut.

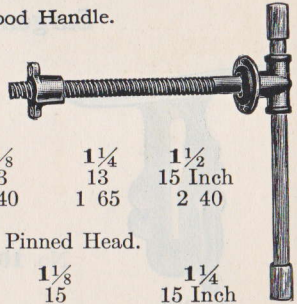
Mounted, 4 feet of Wood.

Wood, 1 $\frac{3}{8}$ x 3 Inches.

No. 10 . . . each, \$4 00

Bench Screws.

Wrought Iron, Double Thread,
Movable Collar, Wood Handle.



No. 40, With Pinned Head.

INCH	1	1 1/8	1 1/4	1 1/2
Length under collar	13	13	13	15 Inch
Each	\$1 20	1 40	1 65	2 40

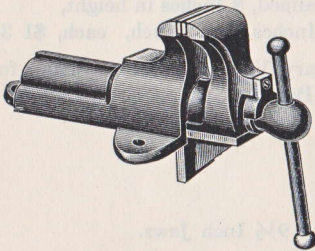
Heavy. With Screwed and Pinned Head.

INCH	1	1 1/8	1 1/4
Length under collar	15	15	15 Inch
Each	\$1 70	1 85	2 25

Extra Length Bench Screws.

Furnished to order.

No. 50, Length under collar	18	20	24 Inch
1 1/4 Inch each,	\$3 20	3 50	3 90



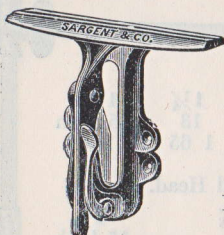
Sargent Bench Vises.

Oval Slide Vises.

Japanned, Steel-Faced Jaws

Numbers	Each	Width of Jaw	Size of Opening
60	\$3 25	2 1/2 Inch	3 Inch
61	3 60	2 3/4 "	3 3/4 "
62	4 50	3 "	4 "
63	5 65	3 1/2 "	4 3/4 "
64	7 10	4 1/8 "	4 3/4 "
65	10 40	4 1/2 "	5 1/2 "

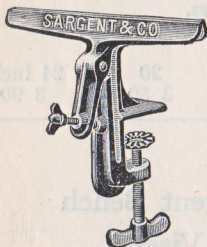
Sargent Saw Vises.



No. 100

9½ Inch Jaws, Polished Face.

No. 100, Japanned, 8 Inches in height,
each, \$1 10

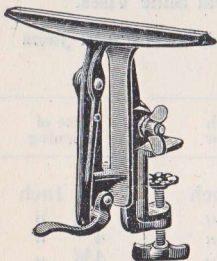


No. 90

9½ Inch Jaws, Polished Face.

No. 90, Japanned, 8 Inches in height,
4¾ Inches from Bench, each, \$1 35

A Stationary Vise with Screw Clamp for
fastening to Bench.



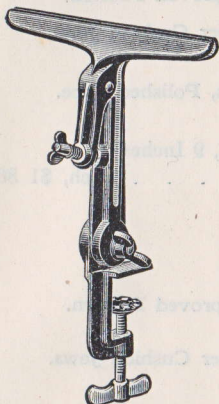
No. 93

9½ Inch Jaws.

No. 93, Japanned, 9 Inches in height,
6 Inches from Bench, each, \$1 40

Wearing parts of malleable iron, with
Screw Clamp for fastening to Bench and
Screw Adjustment for holding the Vise at
any angle.

Sargent Saw Vises.

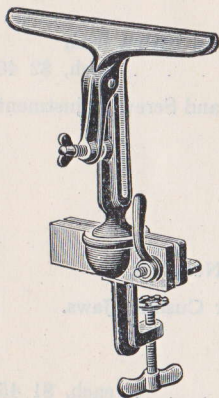


No. 94

9½ Inch Jaws.

No. 94, Japped, 12½ In. in height,
9¼ Inches from Bench, each, \$1 40

With Screw Clamp for fastening to Bench
and Screw Adjustment for holding the Vise
at any angle.



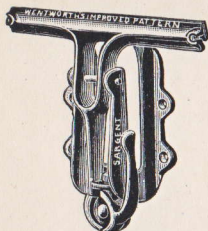
No. 95

9½ Inch Jaws.

No. 95, Japped, 13½ In. in height,
10 Inches from Bench, each, \$2 10

With Screw Clamp for fastening to Bench,
Ball and Socket Adjustment for holding the
Vise at any angle.

Sargent Saw Vises.

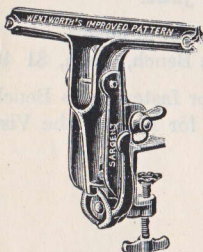


No. 151,

Wentworth Improved Pattern.
Noiseless. Rubber Cushion Jaws.

11 Inch Jaws, Polished Face.

No. **151**, Japanned, 9 Inches
in height each, \$1 80



No. 153

Wentworth Improved Pattern.

Noiseless. Rubber Cushion Jaws.

11 Inch Jaws, Polished Face.

No. **153**, Japanned, 9½ Inches in height, 6½ Inches from
Bench each, \$2 40

With Screw Clamp for fastening to Bench and Screw Adjustment
for holding the Vise at any angle.



Showing Saw Vise No. 80 attached
to Bench.

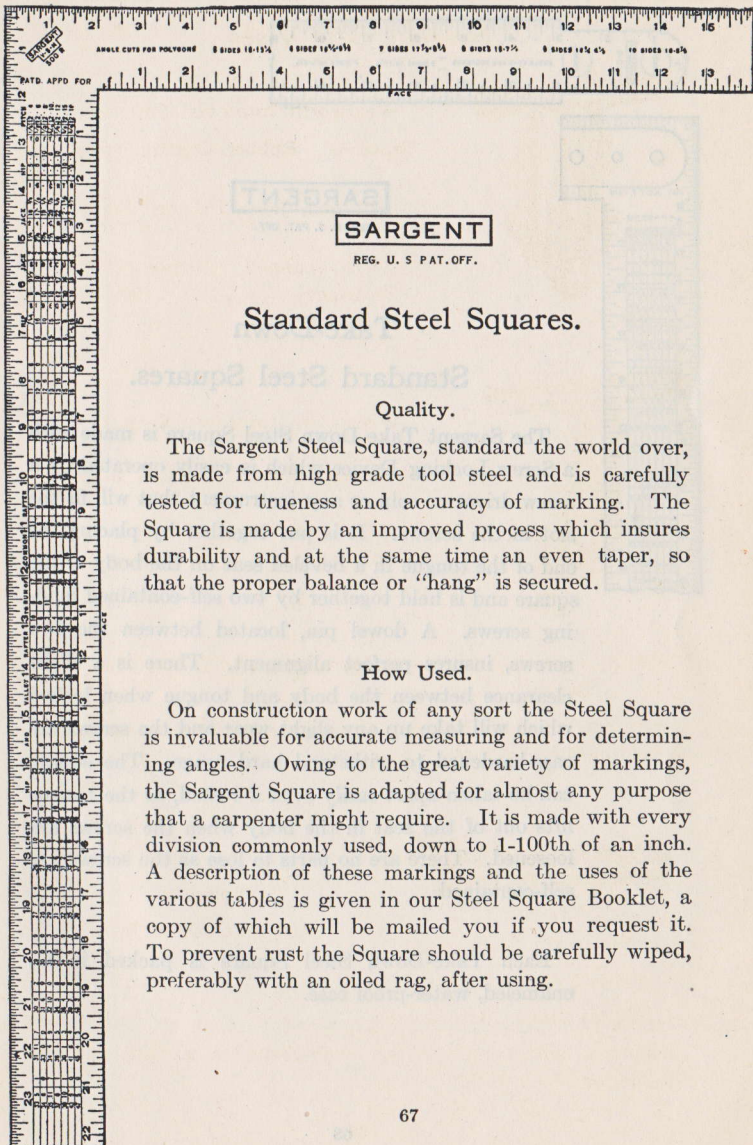
Patented August 11, 1914

Noiseless.

Rubber Cushion Jaws.

No. **80**, Japanned, 12 Inch Jaws each, \$1 45

This is a light, compact Vise, convenient for carrying and also
suitable for bench work.



SARGENT

REG. U. S. PAT. OFF.

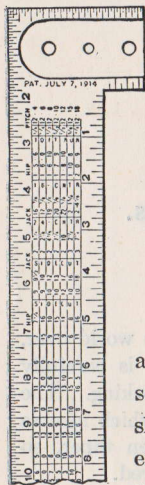
Standard Steel Squares.

Quality.

The Sargent Steel Square, standard the world over, is made from high grade tool steel and is carefully tested for trueness and accuracy of marking. The Square is made by an improved process which insures durability and at the same time an even taper, so that the proper balance or "hang" is secured.

How Used.

On construction work of any sort the Steel Square is invaluable for accurate measuring and for determining angles. Owing to the great variety of markings, the Sargent Square is adapted for almost any purpose that a carpenter might require. It is made with every division commonly used, down to 1-100th of an inch. A description of these markings and the uses of the various tables is given in our Steel Square Booklet, a copy of which will be mailed you if you request it. To prevent rust the Square should be carefully wiped, preferably with an oiled rag, after using.



SARGENT

REG. U. S. PAT. OFF.

Take-Down Standard Steel Squares.

The Sargent Take-Down Steel Square is made with a Screw Locking Device which is easily operated by a screw driver or coin or any instrument that will fit the slot in the screws. It is put together by placing the end of the tongue in a beveled seat on the body of the square and is held together by two self-contained binding screws. A dowel pin, located between the two screws, insures perfect alignment. There is a slight clearance between the body and tongue when locked which will take up any slight wear and the screws are case-hardened to withstand hard usage. The square can be taken apart easily even if rusted, as the tongue lifts out of the seat in the body when the screws are loosened. There are no parts to lose as the screws are self-contained.

Each Take-Down Steel Square is packed in an enameled, water-proof case.

Standard Steel Squares.

Common Rafter Table. Patented June 5, 1900.

This table gives the length of rafters for any one of seven pitches of roof and for buildings of any width. Full directions for using packed with each square. For squares marked with this table see the preceding pages.

Hip, Valley, Jack and Cripple Rafter Table.

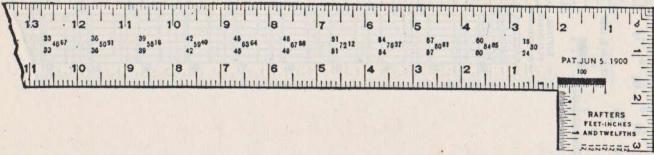
Patented July 7, 1914.

This table gives length of Hip, Valley, Jack and Cripple Rafters; also all top, bottom and side cuts. Full directions for using packed with each square. For squares marked with this table see the preceding pages.

Angle Cuts for Polygons. Patented July 7, 1914.

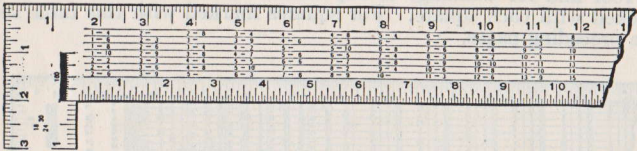
This table gives the cuts for common polygons having 5 to 10 sides (on Squares with 18 inch tongue, 5 to 12 sides). Full directions for using packed with each square. For squares marked with this table see the preceding pages.

Standard Steel Squares.



Brace Measure.

This measure gives the length of the common braces. Full directions for using are packed with each square. For squares marked with this measure see the preceding pages.



Essex Board Measure.

This measure is along the back of the "body" and is used to ascertain the contents in feet and inches of boards of various lengths and widths. Full directions for using packed with each square. For squares marked with this measure see the preceding pages.



Octagon "Eight-Square" Scale.

This scale is along the middle of the face of the "tongue" and is used for laying off lines to cut an "eight-square" or octagon stick of timber from a square one. Full directions for using packed with each square. For squares marked with this scale see the preceding pages.

Explanation of the Letters.

used in the following pages to show how Sargent Squares are marked:

Face of Square : { **A**, Face of Body, Outside.
B, " " " Inside.
C, Face of Tongue, Outside.
D, " " " Inside.

Back of Square : { **E**, Back of Body, Outside.
F, " " " Inside.
G, Back of Tongue, Outside.
H, " " " Inside.

The "Face" of the Square is the side upon which the name "Sargent" is stamped.

The Reverse side is the "Back." The larger arm is the "Body" or "Blade" and the shorter arm the "Tongue."

Squares with 18-inch Tongue.

of the following numbers are made regularly and can be furnished at the same price as 16 inch tongue:

Nos. 3, 3 B, 3 N.

Finishes.

Sargent Squares are finished in five different finishes as follows:

Royal Copper (C). This is a rich red finish with white markings. It is applied by a secret process with copper as a basis. It is durable and the most striking of all finishes.

The following numbers can be furnished in this finish:

	Each
No. 100 C , Same Figures and Marks as No. 100 . . .	\$3 80
No. 100 CR , " " " " " " 100 R. . .	4 15
No. 500 CR , " " " " " " 500 R. . .	4 55
No. 600 CR , " " " " " " 600 R. . .	6 85

Blued with white markings (B). A dark blue-black finish put on by a special process. Owing to the contrast between the blue and white enamel, these Squares are easily read even in a bright light. The finish is a particularly durable one.

The following numbers can be furnished in this finish:

	Each
No. 3 B , Same Figures and Marks as No. 3 . . .	\$3 15
No. 12 B , " " " " " " 12 . . .	2 60
No. 14 B , " " " " " " 14 . . .	2 90
No. 30 B , " " " " " " 30 . . .	2 90
No. 100 B , " " " " " " 100 . . .	3 40
No. 100 BR , " " " " " " 100 R. . .	3 70
No. 500 BR , " " " " " " 500 R. . .	4 15
No. 503 BR , " " " " " " 503 R. . .	3 40
No. 600 BR , " " " " " " 600 R. . .	6 30

Finishes—Continued.

Nickel Plated (N). This finish is durable, as nickel does not corrode readily, moisture and ordinary acids having no effect on it.

The following numbers can be furnished in this finish:

							Each
No. 3 N,	Same Figures and Marks as No.	3	.	.	.		\$3 05
No. 12 N,	" " " " " "	12	.	.	.		2 50
No. 30 N,	" " " " " "	30	.	.	.		2 90
No. 100 N,	" " " " " "	100	.	.	.		3 35
No. 500 NR,	" " " " " "	500 R.	.	.	.		4 00

Galvanized with red markings (VG). This finish is the most durable of all, being nearer rust-proof than any of the others. The figures and letters are brought out by red enamel, which makes a marked contrast with the gray of the galvanizing and is easily read.

The following numbers can be furnished in this finish:

							Each
No. 3 VG,	Same Figures and Marks as No.	3	.	.	.		\$3 15
No. 100 VG,	" " " " " "	100	.	.	.		3 40
No. 100 VGR,	" " " " " "	100 R	.	.	.		3 80
No. 500 VGR,	" " " " " "	500 R	.	.	.		4 15

Polished (100, etc.). A high finish which removes all roughness from the metal.

For the numbers that can be furnished in this finish, see pages 74, 75 and 76.

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Standard Steel Squares.

Framing Squares.

Two Feet Framing Squares, Polished Steel.

Patented July 7, 1914.

Body, 24×2 Inches; Tongue, 16×1¾ Inches.

Nos.	Price Each	How Marked							
		Face				Back			
		A	B	C	D	E	F	G	H
500 R	\$3 50	1/16	1/8	1/16	1/8	1/12	1/32	1/12	1-10 & 100's
503 R	2 70	1/16	1/4	1/16	1/4	1/12	1/4	1/12	1/4

Take-Down.

Two Feet Framing Squares, Polished Steel.

Patented Oct. 7, 1913, Dec. 22, 1914, Jan. 26, 1915 and May 11, 1915.

Other Patents Pending.

Body, 24×2 Inches; Tongue, 16×1¾ Inches.

No.	Price Each	How Marked							
		Face				Back			
		A	B	C	D	E	F	G	H
600 R	\$5 70	1/16	1/8	1/16	1/8	1/12	1/32	1/12	1-10 & 100's

Additional Marks and Scales.

- Nos. **500 R** { Brace Measure and Patent Rafter Table.
600 R { Table for Hip, Valley, Jack, Cripple Rafters.
 Table of Cuts for common Polygons.
 No. **503 R** { Brace Measure and Patent Rafter Table.
 Table for Hip, Valley, Jack, Cripple Rafters.

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Standard Steel Squares.

Rafter Squares.

Two Feet Rafter Squares, Polished Steel.

Patented July 5, 1900.

Body, 24×2 Inches; Tongue, 16×1½ Inches.

No.	Price Each	How Marked							
		Face				Back			
		A	B	C	D	E	F	G	H
100 R	\$3 05	1/16	1/8	1/16	1/8	1/12	1/32	1/12	1/10

Additional Scales and Tables.

No. **100 R**, Brace, 8 Square and Patent Rafter Table.

Two Feet Squares, Polished Steel.

Body, 24×2 Inches; Tongue, 16×1½ Inches.

Nos.	Price Each	How Marked							
		Face				Back			
		A	B	C	D	E	F	G	H
100	\$2 80	1/16	1/8	1/16	1/8	1/12	1/32	1/12	1-10 & 100's
3	2 50	1/16	1/4	1/16	1/4	1/12	1/4	1/12	1/4
14	2 25	1/8	1/4	1/8	1/4	1/4	1 in.	1/4	1/4

Additional Scales and Tables.

No. **100**, Brace, 8 Square and Essex's Board Measure.

No. **3**, Brace and Essex's Board Measure.

No. **14**, Essex Board Measure.

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Standard Steel Squares.

18 Inch Squares, Polished Steel
Body, $18 \times 1\frac{1}{2}$ Inches; Tongue, 12×1 Inches.

No.	Price Each	How Marked							
		Face				Back			
		A	B	C	D	E	F	G	H
30	\$2 25	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{12}$	$\frac{1}{4}$

12 Inch Squares, Polished Steel
Body, $12 \times 1\frac{1}{2}$ Inches; Tongue, 8×1 Inches.

Nos.	Price Each	How Marked							
		Face				Back			
		A	B	C	D	E	F	G	H
10	\$1 70	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$
12	1 95	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}$

Two Feet Squares.
Polished, Not Tapered.

Nos.	Price Each	How Marked	Size in Inches	
			Body	Tongue
22	\$1 35	Marked in $\frac{1}{8}$ ths on both sides	$24 \times 1\frac{1}{2}$	12×1
24	1 50	" " $\frac{1}{8}$ ths " " "	24×2	$12 \times 1\frac{1}{2}$

